

## REPLACEMENT CLAIM

1. (amended) An electronic circuit for controlling a gas discharge lamp, comprising means for generating a high frequency pulse train for being applied to the electrodes of the lamp to light the lamp, means for connecting the means for generating a high frequency pulse train to an electrical power source, and a choke to limit the current drawn by the lamp, characterized in that the circuit comprises means for producing a first series of pulses and means for producing a second series of pulses independently of the first series of pulses, and means for combining additively the first and second series of pulses to produce the high frequency pulse train.